

Homology region One (PKCa, PKCt, PKCd):

alpha: 1276 atggaatatgtcaacggtggggacctcatgtaccacat 1313
 ||||| | ||||| ||||| | ||||| |||||
 theta: 1393 atggagtacctaacggaggggacttaatgtaccacat 1430
 ||||| | ||||| ||||| | ||||| |||||
 delta: 1337 atggagttcctcaacgggggggacctgatgtac 1369
 Examples: 3' CCTPABKBAGTTGCCBCCC
 3' GCCBCCCCTGKABTACATG

Homology region Two (PKCa, PKCt, PKCd):

alpha: 1398 aggaatcatttatagggatctgaagttagataacgtcatgttggttcagaaggacatat 1457
 || || | || ||||| || || | || || | ||||| || || || ||
 theta: 1515 aggaatagtctacagggacctaagctagataaacatcctgttagacaaagatggacatat 1574
 || || | || ||||| || || | || || | ||||| || || || ||
 delta: 1459 gggcatcatttacagggacctaactggacaatgtgctgttggtggaccgggatggccacat 1518
 Examples: 3TCCCTKGABTTPKAKCTKTT
 3' ACAAPCTKBBPCTBCCBGT

alpha: 1458 caaaattgctgactttgggatgtgcaaggaacacatgatggatggagtcacgaccaggac 1517
 ||| || || || ||||| ||||| || || || || | || || || ||
 theta: 1575 caagatcgcggtattttggaatgtgcaaggagaacatgttaggagatgccaaagacgaatac 1634
 ||| || || || ||||| ||||| || || || || | || || || ||
 delta: 1519 caagattgccgactttgggatgtgcaaagagaacatattcggggagagccgggcccagcac 1578
 Examples: 3' CGBCTKAAACCPACACG
 3' PTACACGTPCTPBTGTA
 3' CACGTPCTPBTGTAPB

alpha: 1518 cttctgtgggactccagattatatcgccccagagat 1553
 ||||| || || || || || || ||||| |||||
 theta: 1635 cttctgtgggacacctaactgactacatcgccccagagat 1670
 ||||| || || || || || || ||||| |||||
 delta: 1550 cttctgcggcaccctgactatatcgccccagagat 1614
 Examples: 3' GAAGACKCCBTGBGGACT
 3' KATKTAGCGGKGBCTCT

FIG.2

bcl-2B: 116 gttggcccccggttgccttttctctggaaggatggcgacgctgggagaaacggggtacga 175
 |||||
 bcl-2C: 1 gttggcccccggttacttttctctotgggaaatatggcgacgctgggagaaacagggtacga 60
 Examples: 3' GGGCAAPAAAAAGGAGAC
 3' CCTTPBTACCGCGTGCGACCC
 3' CCCTCTTGPCCCATGCT
 3' CGA-

bcl-2B: 176 caaccgggagatagtgatgaagtacatccattataagctgtcgagaggggctacgagt 235
 |||||
 bcl-2C: 61 taaccgggagatagtgatgaagtacatccattataagctgtcgagaggggctacgagt 120
 Examples: -KTTGGCCCTCTATCAC

bcl-2B: 236 ggatgcgggagatgtgggcgcgcgccccggggcgccccgcacccgggcatcttctc 295
 |||||
 bcl-2C: 121 ggatgcgggagatgtgggcgcgcgccccggggcgccccgcgcgggcatcttctc 180
 Examples: 3' GGGCGPGGCCCGTAGAAG
 3' GAG-

bcl-2B: 296 ctcccagcccgggcacacgccccatccagccgcatcccgcgacccgggtcgccaggacctc 355
 |||
 bcl-2C: 181 ctgcgagcccgggcacacgccccatacagccgcatcccgggacccgggtcgccaggacctc 240
 Examples: -GAGBGTCGGGCCCCGT
 ###3' GGGCCPGTGTGPGKGGTA###
 3' GGGTABGTCGGCGTAGG
 3' CGTAGGGCBCTGGGCC

bcl-2B: 356 gccgctgcagaccccggtgccccggcgccgcccggggcctgcgctcagcccggtgcc 415
 |||||
 bcl-2C: 241 gccgctgcagaccccggtgccccggcgccgcccggggcctgcgctcagcccggtgcc 300
 Example: ###3' CGTCTGKGGCCGACGGKGG###
 ###3' GGCPGGPGGGPGGGCP###

bcl-2B: 416 acctgtgtccacctggccctccgccaagccggcgacgacttctcccgccgctaccgcgg 475
 |||||
 bcl-2C: 301 acctgtgtccacctgacctccgccaaggccggcgacgacttctcccgccgctaccgcgg 360
 Examples: 3' AGGTGGACPGGGAGGC
 3' GGCGGTPCGGCCGC
 3' GGCGBC-

bcl-2B: 476 cgacttcgccgagatgtccagccagctgcacctgacgcccttcaccgcgcggggagcgtt 535
 |||||
 bcl-2C: 361 cgacttcgccgagatgtccagccagctgcacctgacgcccttcaccgcgcggggagcgtt 420
 Examples: -CGTGAAGCGGCTC
 3' CTGGTCBGTCGACGTGG

FIG.3